

Appl. No. 10/030,728
Amdt. Dated June 30, 2004
Reply to Office Action of March 31, 2004

Pending Claims:

This listing will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A breathable liquid-impervious composite sheet comprising:

a breathable liquid-impervious sheet having opposite surfaces and comprising an air-pervious and liquid-impervious assembly of thermoplastic synthetic fibers; and

second thermoplastic synthetic fibers covering said opposite surfaces of said breathable liquid-impervious sheet,

said second thermoplastic synthetic fibers comprising continuous fibers,

said breathable liquid-impervious sheet being intermittently bonded to said continuous second thermoplastic synthetic fibers on said opposite surfaces,

said breathable liquid-impervious sheet having a maximum breathability of about 200 sec/100 cc, and a water resistance of at least about 300 mm.

Claims 2-3 (Canceled)

Appl. No. 10/030,728
Amdt. Dated June 30, 2004
Reply to Office Action of March 31, 2004

Claim 4 (previously presented): The breathable liquid-impervious composite sheet according to claim 1, wherein said continuous second thermoplastic synthetic fibers comprise layers that have a breathability that is equal to a breathability of said breathable liquid-impervious sheet.

Claim 5 (previously presented): The breathable liquid-impervious composite sheet according to claim 1, wherein said continuous second thermoplastic synthetic fibers comprise layers that have a breathability that is greater than a breathability of said breathable liquid-impervious sheet.

Claim 6 (previously presented): The breathable liquid-impervious composite sheet according to claim 1, wherein said continuous second thermoplastic synthetic fibers have a basis weight of about 10 to about 100 g/m².

Claim 7 (previously presented): The breathable liquid-impervious composite sheet according to claim 1, wherein said continuous second thermoplastic synthetic fibers are sealed together at intersections thereof.

Claim 8 (previously presented): The breathable liquid-impervious composite sheet according to claim 1, wherein said breathable liquid-impervious sheet is intermittently bonded to said continuous second thermoplastic synthetic fibers at discrete bond regions.

Appl. No. 10/030,728
Amdt. Dated June 30, 2004
Reply to Office Action of March 31, 2004

Claim 9 (previously presented): The breathable liquid-impervious composite sheet according to claim 8, wherein the each of the discrete bond regions comprises an area of about 0.5 to about 10 mm².

Claim 10 (previously presented): The breathable liquid-impervious composite sheet according to claim 8, wherein a total area of all of the discrete bond regions comprises about 1 to about 30% of a total area of the composite sheet.

Claim 11 (previously presented): The breathable liquid-impervious composite sheet according to claim 1, wherein said air-pervious and liquid-impervious assembly of thermoplastic synthetic fibers is a melt blown nonwoven fabric.